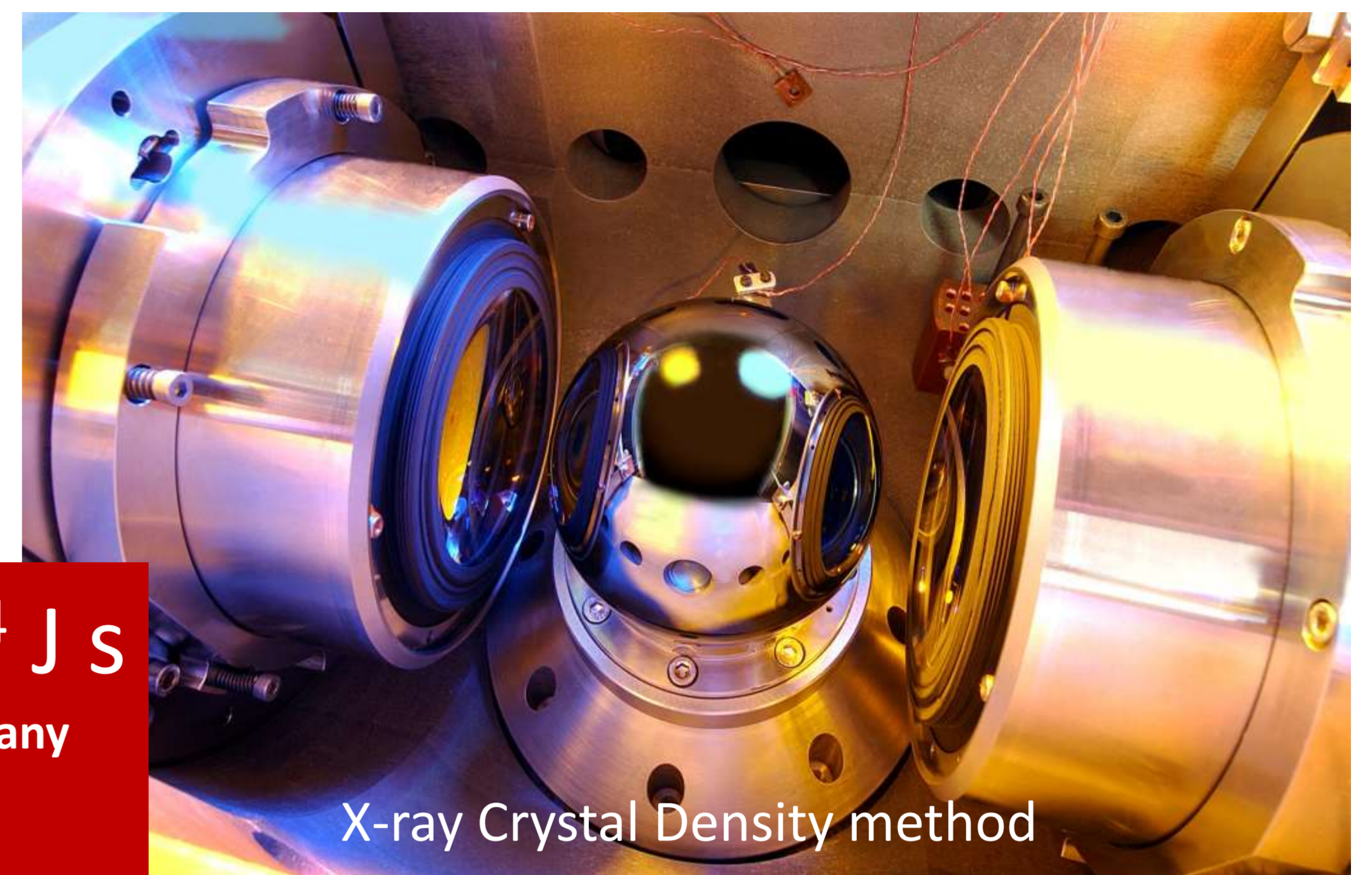


Mass and Related Quantities

The Consultative Committee for Mass and Related Quantities (CCM)

force, torque, density, viscosity, fluid flow, gravimetry, pressure, vacuum, hardness

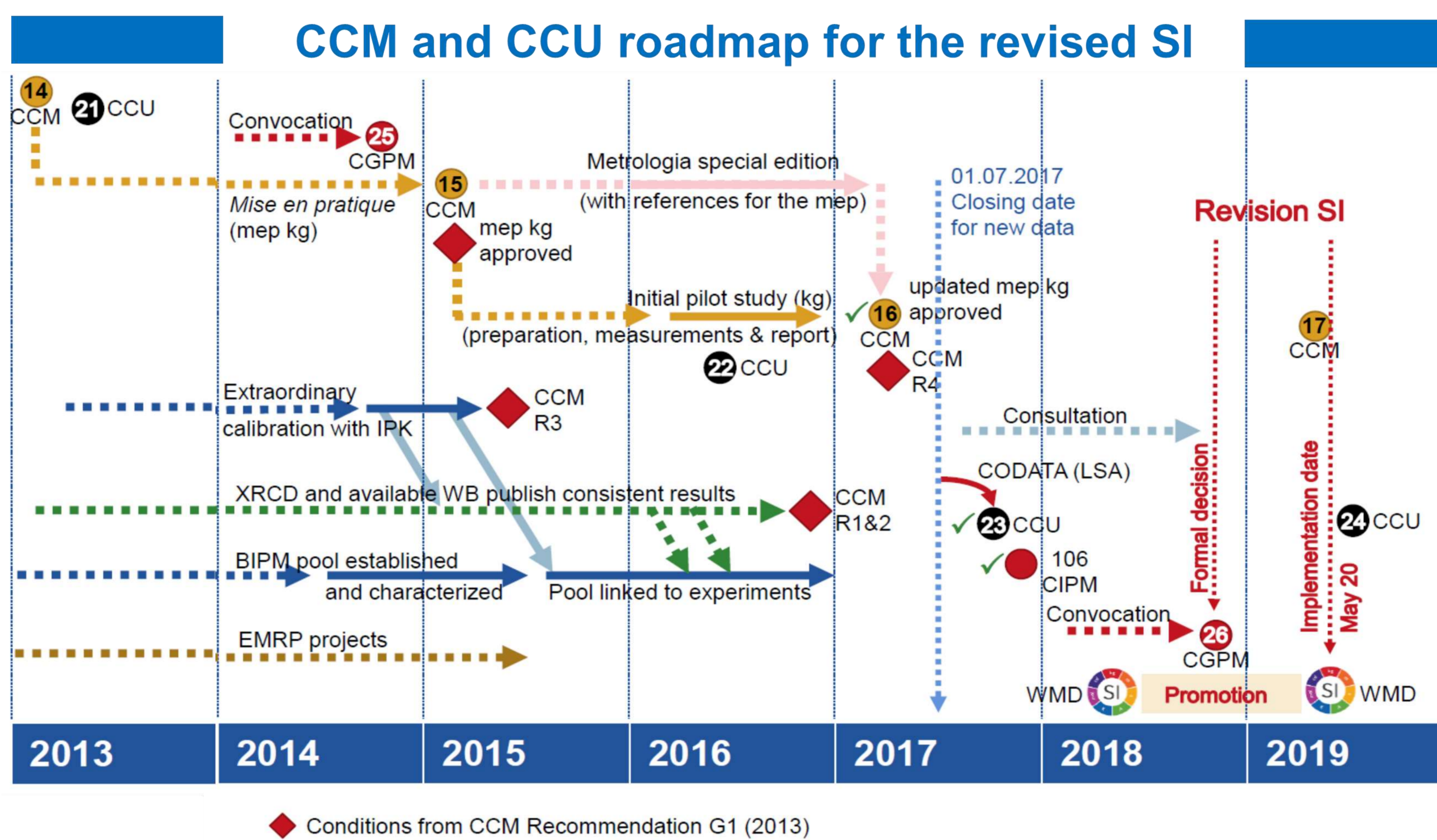
Towards the replacement of the last artefact



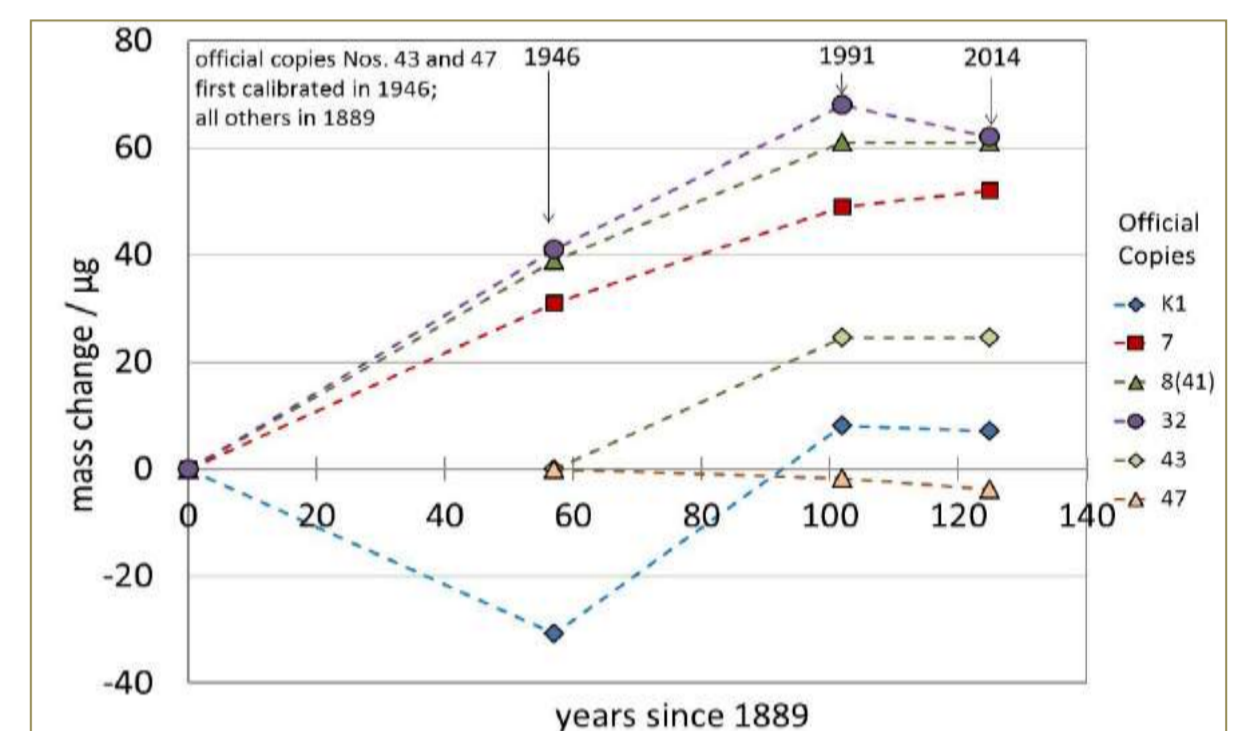
$$h = 6.626\ 070\ 15 \times 10^{-34} \text{ J s}$$

- universally available: possible realization at any scale, at any time, in any place
- invariant in time: no link with any artefact

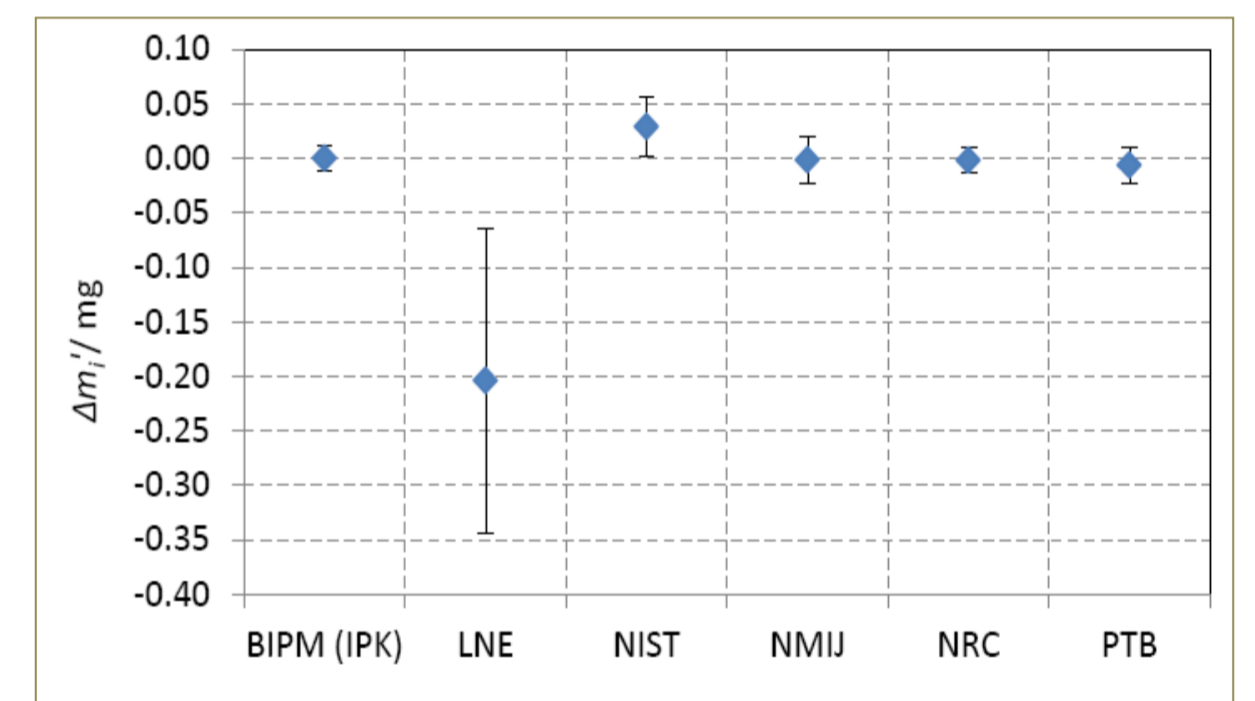
Global forum for progressing the state of the art



Calibration campaign with the IPK prior to the kilogram redefinition



CCM Pilot Comparison of future realizations of the kilogram



Facilitating dialogue between NMIs and stakeholders

15th meeting of the CCM (2015)



- Focus on Realization, Maintenance and Dissemination of the Kilogram metrologia
- Maintaining and disseminating the kilogram following its redefinition metrologia
- CCM short note on the dissemination process after the redefinition

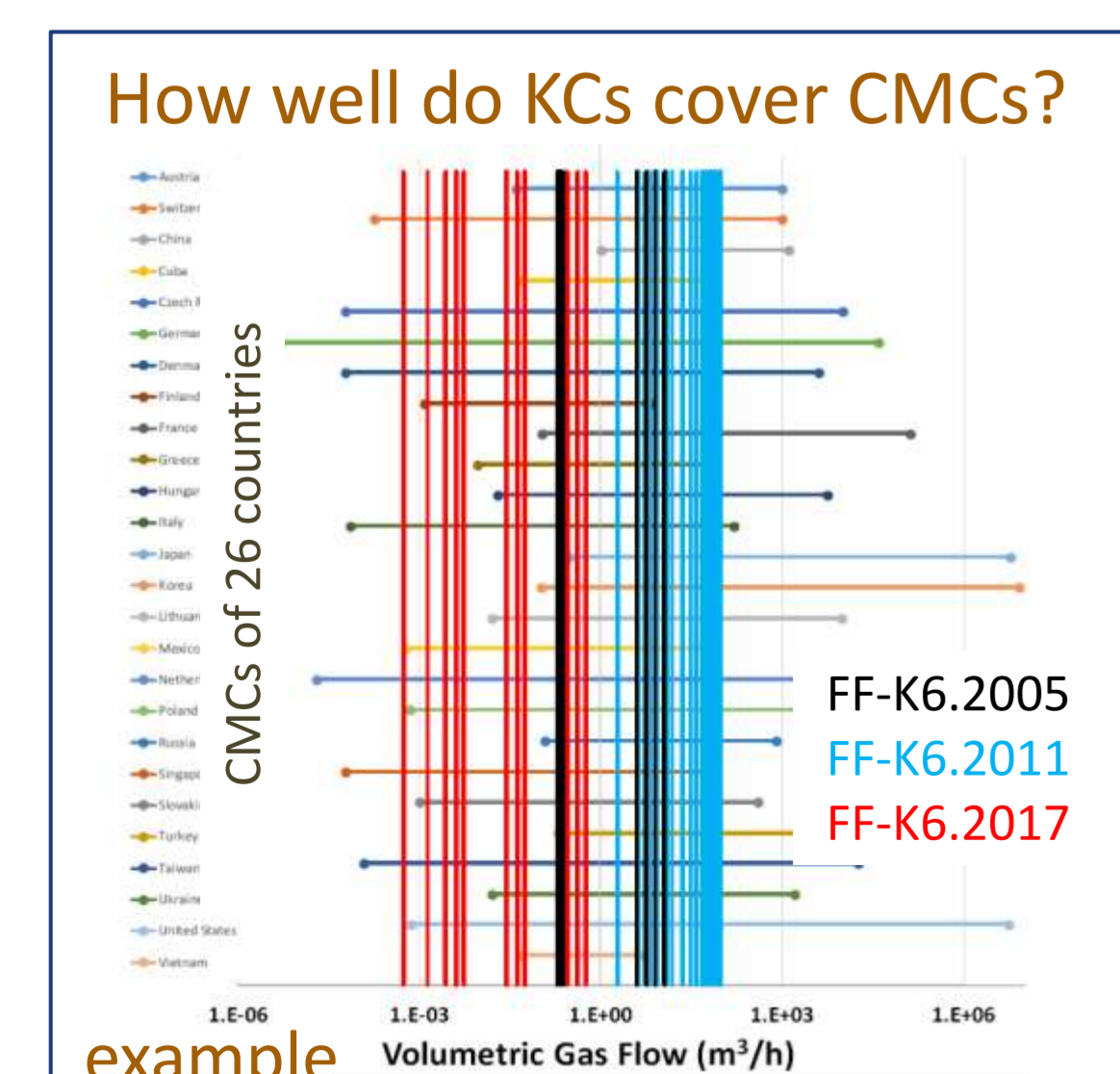
[http:// CCM webpage](http://www.bipm.org/ccm)

- CCM Newsletters
- Information for users on the kilogram redefinition
-

16th meeting of the CCM (2017)



Global comparability of measurements



CCM guidance documents for supporting KCs and CMCs

- Key Comparison Report Template
- Guidelines for approval and publication of the final reports of key comparisons
- Guidelines for CMCs Submission and Review of CMCs

key comparison in pressure CCM.P-K15 (completed in 2017)

